



Datasheet for ABIN7267332
anti-GALT antibody



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1 Image

Overview

Quantity:	100 µL
Target:	GALT
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This GALT antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	GALT Rabbit mAb
Immunogen:	Recombinant protein of Human GALT.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	GALT
Alternative Name:	GALT (GALT Products)
Background:	Galactose-1-phosphate uridyl transferase (GALT) catalyzes the second step of the Leloir

Target Details

pathway of galactose metabolism, namely the conversion of UDP-glucose + galactose-1-phosphate to glucose-1-phosphate + UDP-galactose. The absence of this enzyme results in classic galactosemia in humans and can be fatal in the newborn period if lactose is not removed from the diet. The pathophysiology of galactosemia has not been clearly defined. Two transcript variants encoding different isoforms have been found for this gene.,GALT,Cancer,Signal Transduction,Endocrine & Metabolism,Carbohydrate metabolism,GALT

Molecular Weight: 31kDa/43kDa

Gene ID: 2592

UniProt: [P07902](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

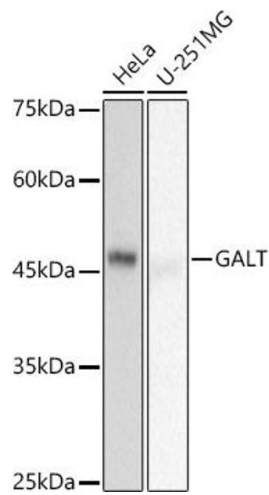
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using GALT antibody (ABIN7267332) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.